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(54) Title: **TREATING BENIGN PROSTATE HYPERPLASIA WITH SARMS**

(57) Abstract: This invention provides a method of treating, preventing, suppressing, inhibiting or reducing the incidence of benign prostate hyperplasia in a male subject, by administering to the subject a selective androgen receptor modulator (SARM) and/or its analog, derivative, isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product, hydrate, N-oxide, or any combination thereof as described herein. This invention also provides a method of treating a subject suffering from hair loss, comprising the step of administering to the subject a therapeutically effective amount of a 5- α reductase enzyme type 1 and/or type 2 inhibitor, wherein said inhibitor is a selective androgen receptor modulator (SARM) and/or its analog, derivative, isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product, hydrate, Woxide, or any combination thereof as described herein. This invention also provides a method of inhibiting a 5- α reductase type 1 and/or type 2 enzyme, comprising contacting the enzyme with an effective 5- α reductase inhibitory amount of a selective androgen receptor modulator (SARM) and/or its analog, derivative, isomer, metabolite, pharmaceutically acceptable salt, pharmaceutical product, hydrate, N-oxide, or any combination thereof, as described herein.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 31/32, 31/16, 31/165

US CL : 514/493, 616, 619

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/493, 616, 619

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
CAPLUS, USPATFULL, PCTFULL, WPIDS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 98/55153 A1(THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION) 10 December 1998 (10.12.1998), abstract, page 1-3 and 9-10, claims 16-21.	1-59
Y	WO 98/53826 A1(THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION) 03 December 1998 (03.12.1998), abstract, page 1-14 and claims 14-30.	1-59

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☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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